

# Notice of Allowability

Application No.

10/734,714

Examiner

Alicia M. Harrington

Applicant(s)

COLE ET AL.

Art Unit

2873

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to AMENDMENT FILED ON 3/14/06.
2. ☒ The allowed claim(s) is/are 2-19 and 22-35.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 2-19,22-35 are allowed.
2. The following is an examiner's statement of reasons for allowance: Prior art taken either singularly or in combination fails to teach an apparatus for mapping image shapes for a display device of claim 8, wherein the means for selecting is configured to select an image aspect ratio or shape in response to an input provided by a user of the display device; an apparatus for mapping image shapes for a display device of claim 9, wherein the means for reshaping includes a member with a plurality of differently shaped apertures formed there through; an apparatus for mapping image shapes for a display device of claim 15, wherein the means for reshaping includes a plurality of members and means for positioning the members adjacent an exit of the integrating rod depending upon the image aspect ratio or shape; an apparatus for mapping image shapes for a display device of claim 19, wherein the means for reshaping includes an anamorphic lens selected and positioned adjacent an exit of the integrating rod depending upon the image aspect ratio or shape; a display device of claim 23, wherein the integrating rod has a partially open entrance and variable exit aperture positioned between the integrating rod and the light modulator; a display device of claims 27 and 28, wherein the variable exit aperture is provided by one or more members include a light reflecting surface facing an exit of the integrating rod; a display device of claim 29, wherein the variable exit aperture includes means for positioning the one or more members adjacent an exit of the integrating rod depending upon a selected image

aspect ratio or shape; a display device of claim 30, wherein the variable exit aperture is provided by an anamorphic lens selected and positioned adjacent an exit of the integrating rod depending upon a selected image aspect ratio or shape; a display device of claim 33, wherein the means for selecting is configured to select an image aspect ratio or shape in response to an input provided by a user of the display device; a method of mapping images for a display device with an integrating rod of claim 34, comprising: identifying an aspect ratio or shape for an image to be projected by the display device, and positioning an object with a plurality of differently shaped and/or sized apertures adjacent an exit of the integrating rod depending upon the aspect ratio or shape to selectively obstruct portions of the exit of the integrating rod; a method of mapping images for a display device with an integrating rod of claim 35, comprising: identifying an aspect ratio or shape for an image to be projected by the display device, and positioning a plurality of objects adjacent an exit of the integrating rod depending upon the aspect ratio or shape to selectively obstruct portions of the exit of the integrating rod as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alicia M. Harrington whose telephone number is 571 272 2330. The examiner can normally be reached on Monday - Thursday 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on 571 272 2333. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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Primary Examiner  
Art Unit 2873

AMH